

Message

From: Trivedi, Viren [vtrivedi@pa.gov]
Sent: 2/28/2022 7:48:00 PM
To: Entwistle, Paul [Entwistle.Paul@epa.gov]
CC: Wenrich, Sean [sewenrich@pa.gov]; Bhatt, Naishadh [nabhath@pa.gov]; Pascucci, Vincent [vpascucci@pa.gov]
Subject: Cryptocurrency Operation
Attachments: Flamingo Cover Letter for Clearfield Emissions PADEP (12-19-2021)-signed.pdf; Copy of Unit Summary.xlsx; Copy of PSI-Zero-Hour Emissions Summary_Permitting Data DEC2018.xlsx; Flamingo Digital Facility Total Emissions Calculations (12-13-2021).xlsx

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From: Bill Monroe <bmonroe@atc-pa.com>
Sent: Sunday, December 19, 2021 9:05 PM
To: Husted, Daniel <dhusted@pa.gov>
Cc: Zaman, Muhammad <mzaman@pa.gov>; Calhoun, Thomas <tcalhoun@pa.gov>; Schulte, Steven <sschulte@pa.gov>; Gross, Jeremy <jeregross@pa.gov>; 'Sergii Gerasymovych' <sergii@ezblockchain.net>; 'Ryan Fang Ankr' <ryan@ankr.com>; 'Tony Fu' <anthony@ankr.com>; 'Gavin Qu ANKR' <Gavin@ankr.com>
Subject: RE: [External] Hegarty A well Generators Clearfield co PA/Cryptocurrency Operation

Daniel,

Please find attached:

1. Cover letter listing inventory of sources
2. Emission calculations for sources
3. Unit list of Serial Numbers and Set dates

The Jenbacher J320 was the only one NOT on the unit list. It was delivered July 2021, ran only a few hours, and not since. They have had a lot of mechanical and electrical issues with the Jenbacher.

Please advise on where they go from here?

If you require any other information, please advise.

Happy Holidays

*William M. Monroe - President
Environmental Compression Services, Inc.
33 Spruce Lane
Burgettstown, PA 15021-2728
(724) 272-5734 – Mobile
bmonroe@atc-pa.com
WWW.ENVIRCOMP.COM
Environmental Laboratory Registration# 63-03526*

From: Husted, Daniel <dhusted@pa.gov>
Sent: Friday, December 17, 2021 6:37 PM
To: William Monroe <bmonroe@atc-pa.com>
Cc: Zaman, Muhammad <mzaman@pa.gov>; Calhoun, Thomas <tcalhoun@pa.gov>; Schulte, Steven <sschulte@pa.gov>; Gross, Jeremy <jeregross@pa.gov>; Sergii Gerasymovych <sergii@ezblockchain.net>; Ryan Fang Ankr <ryan@ankr.com>; Tony Fu <anthony@ankr.com>; Gavin Qu ANKR <Gavin@ankr.com>
Subject: RE: [External] Hegarty A well Generators Clearfield co PA/Cryptocurrency Operation

Thanks Bill,

I appreciate your position. I think at this point its best to not let perfect be the enemy of the good.

If you could provide us the information for the 15 of the 16 units you have, plus using AP42/general emission factors for the lone unit for which you don't have mfg specs, that would be sufficient for now. That will let us know into what 'bucket' so to speak, exemption eligible or need a permit, this project most likely falls.

When you eventually submit an application then we will need the best data available.

We appreciate your efforts.

Sincerely,

Daniel Husted, P.E. | Environmental Engineer Manager
Department of Environmental Protection | Air Quality
North Central Regional Office
208 West Third Street Suite 101 | Williamsport PA 17701
Phone: +1 570.327.3640 | Fax: 570.327.3420
www.dep.pa.gov

From: bmonroe <bmonroe@atc-pa.com>
Sent: Friday, December 17, 2021 3:03 PM
To: Husted, Daniel <dhusted@pa.gov>
Cc: Zaman, Muhammad <mzaman@pa.gov>; Calhoun, Thomas <tcalhoun@pa.gov>; Schulte, Steven <sschulte@pa.gov>; Gross, Jeremy <jeregross@pa.gov>; Sergii Gerasymovych <sergii@ezblockchain.net>; Ryan Fang Ankr <ryan@ankr.com>

Tony Fu <anthony@ankr.com>; Gavin Qu ANKR <Gavin@ankr.com>

Subject: RE: [External] Hegarty A well Generators Clearfield co PA/Cryptocurrency Operation

Daniel,

I left you a VM on your office phone in regards to below:

I have PTE calculated for whats on location as of 12/17/2021 w/ one missing piece:

- 16 Mesa Rentals (15 - 22L & 1 - 8L)
- 1.25 MMBTU GPU
- Component leaks

The Jenbacher 320 is the hold up.

EZ Energy Technologies bought the set from KTS Engineering, a oversee distributor working directly with Jenbcher in Austria then sold it to EZ Blockchain its parent company, EZ Blockchain sold the unit to Flamingo Digital.

Flamingo Digital placed the genset on site. It was installed in July 2021 but it was not running since then. The plan it to run 24/7 after it is fixed.

Trying to obtain OEM emissions data from Jenbacher to supply PTE to you, but have not reveived requested answer yet. With that being said, do you want me to send what I have? Or use estimated emissions based on certified engine (NOx, CO & NMHC), estimate fuel use to do AP42 for other pollutants and HAPS?

I am not dragging this out, just got into the game late, and there are a lot of parties involved.

Please advise which direction you would like me to proceed, and Ill send you everything asap.

Again, sorry for the delay, im just the messenger.

Best Regards,

Bill Monroe

Environmental Compression Services Inc 724-272-5734

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Husted, Daniel" <dhusted@pa.gov>

Date: 12/16/21 9:47 AM (GMT-05:00)

To: William Monroe <bmonroe@atc-pa.com>

Cc: "Zaman, Muhammad" <mzaman@pa.gov>, "Calhoun, Thomas" <tcalhoun@pa.gov>, "Schulte, Steven" <sschulte@pa.gov>, "Gross, Jeremy" <jeregross@pa.gov>

Subject: RE: [External] Hegarty A well Generators Clearfield co PA/Cryptocurrency Operation

Ok Bill. We need this data ASAP. This situation has been languishing for several weeks if not months. We also received word from one of our colleagues in the Oil and Gas Program that the company is considering installing upto 16 additional generators.

I strongly suggest determining the current PTEs for all criteria pollutants and HAPS for all of the units on site without delay. We need an inventory of what units are there, the type of source each is, and emissions information.

We look forward to your expeditious response.

Regards,

Daniel Husted, P.E. | Environmental Engineer Manager
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North Central Regional Office
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From: bmonroe <bmonroe@atc-pa.com>
Sent: Wednesday, December 15, 2021 1:19 PM
To: Husted, Daniel <dhusted@pa.gov>
Cc: Zaman, Muhammad <mzaman@pa.gov>; Calhoun, Thomas <tcalhoun@pa.gov>; Schulte, Steven <:sschulte@pa.gov>; Gross, Jeremy <jeregross@pa.gov>
Subject: RE: [External] Hegarty A well Generators Clearfield co PA/Cryptocurrency Operation

Dan,

Still having difficulties obtaining emissions information on the Jenbacher 320, have to go threw their distrubutors, INNIO & Penn Power to get OEM data, I did not forget about you, just waiting for a reply. I'll send asap.

Thanks for your patience.

Best Regards,

Bill Monroe

Environmental Compression Services Inc..724-272-5734

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Husted, Daniel" <dhusted@pa.gov>

Date: 12/13/21 1:14 PM (GMT-05:00)

To: William Monroe <bmonroe@atc-pa.com>

Cc: "Zaman, Muhammad" <mzaman@pa.gov>, "Calhoun, Thomas" <tcalhoun@pa.gov>, "Schulte, Steven" <sschulte@pa.gov>, "Gross, Jeremy" <jeregross@pa.gov>

Subject: RE: [External] Hegarty A well Generators Clearfield co PA/Cryptocurrency Operation

Thanks Bill another two days are fine. We look forward to chatting with you again once we have the PTE information for the generators onsite.

Sincerely,

Dan

Daniel Husted, P.E. | Environmental Engineer Manager
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208 West Third Street Suite 101 | Williamsport PA 17701
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From: Bill Monroe <bmonroe@atc-pa.com>
Sent: Monday, December 13, 2021 12:52 PM
To: Husted, Daniel <dhusted@pa.gov>
Subject: RE: [External] Hegarty A well Generators Clearfield co PA/Cryptocurrency Operation

Dan,

I am still working on the Hegarty A well site generator(s) information for you in regards to PTE. I have all the Mesa units and their respective emission numbers, trying to get information on the ONE Jenbacher engine/generator that is out there. Need a little more time, I do not want to send you wrong or inaccurate information.

On – site is:

16 – Mesa 22L NG Generators (D219L)

1 – Jenbacher J320GS Generator

1 – 1.25 MMBTU/hr - GPU

Can I have a day or two?

Thanks,

*William M. Monroe - President
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Burgettstown, PA 15021-2728
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bmonroe@atc-pa.com
WWW.ENVIRCOMP.COM
Environmental Laboratory Registration# 63-03526*

From: Husted, Daniel <dhusted@pa.gov>
Sent: Thursday, December 9, 2021 11:04 AM
To: William Monroe <bmonroe@atc-pa.com>
Cc: Zaman, Muhammad <mzaman@pa.gov>; Calhoun, Thomas <tcalhoun@pa.gov>; Schulte, Steven <sschulte@pa.gov>; Gross, Jeremy <jeregross@pa.gov>
Subject: RE: [External] Hegarty A well Generators Clearfield co PA/Cryptocurrency Operation

Thanks Bill.

Tom Calhoun will be in touch with you directly to work out the date/time and other logistics for a site visit.

Regards,

Dan

From: bmonroe <bmonroe@atc-pa.com>
Sent: Thursday, December 9, 2021 9:41 AM
To: Husted, Daniel <dhusted@pa.gov>
Cc: Zaman, Muhammad <mzaman@pa.gov>; Calhoun, Thomas <tcalhoun@pa.gov>; Schulte, Steven <sschulte@pa.gov>; Gross, Jeremy <jeregross@pa.gov>
Subject: RE: [External] Hegarty A well Generators Clearfield co PA/Cryptocurrency Operation

Dan,

Thanks for the reply, I will gather and send information requested before weeks end. I can work through well owner to arrange a site visit, when are you thinking so I can contact Matt to plan?

Best Regards,

Bill Monroe

Environmental Compression Services Inc.

724-272-5734

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Husted, Daniel" <dhusted@pa.gov>

Date: 12/9/21 8:53 AM (GMT-05:00)

To: William Monroe <bmonroe@atc-pa.com>

Cc: "Zaman, Muhammad" <mzaman@pa.gov>, "Calhoun, Thomas" <tcalhoun@pa.gov>, "Schulte, Steven" <sschulte@pa.gov>, "Gross, Jeremy" <jeregross@pa.gov>

Subject: RE: [External] Hegarty A well Generators Clearfield co PA/Cryptocurrency Operation

Bill,

As requested, some examples of a mobile source are defined within 25 Pa. Code section 121.1. As discussed, this definition would not be applicable, based on the information you provided during our call, for the Hegarty Well Pad A generator engine units.

Moreover, the Department has issued Non-Road Engine provisions, consistent with those at 40 CFR 89.2, precluding any engine from being permitted as a non-road engine, if a unit, including any replacement(s), will be located at a site for longer than 12 consecutive months

If there are any additional questions regarding the above let us know.

Also Bill we would like to work with you to arrange a site visit for members of our staff. Please provide a list of the generators presently on site and the technical information for them including size, source type (turbine or IC engine), etc. as soon as possible.

Thanks,

Dan

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From: bmonroe <bmonroe@atc-pa.com>
Sent: Wednesday, December 8, 2021 1:03 PM
To: Husted, Daniel <dhusted@pa.gov>
Cc: Zaman, Muhammad <mzaman@pa.gov>; Calhoun, Thomas <tcalhoun@pa.gov>
Subject: RE: [External] Hegarty A well Generators Clearfield co PA

Dan,

When you get a chance, could you summarize our conversation about "mobile sources " and Non-Road 40CFR60 89.2

Thanks again,

Best Regards,

Bill Monroe

Environmental Compression Services Inc.

724-272-5734

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Husted, Daniel" <dhusted@pa.gov>

Date: 12/7/21 4:20 PM (GMT-05:00)

To: William Monroe <bmonroe@atc-pa.com>

Cc: "Zaman, Muhammad" <mzaman@pa.gov>, "Calhoun, Thomas" <tcalhoun@pa.gov>

Subject: RE: [External] Hegarty A well Generators Clearfield co PA

Bill,

Certainly. I understand completely as Ex. 6 Personal Privacy (PP)

I have a meeting at 130 that will likely carry through the rest of the afternoon.

How about from 1230 to 130? Probably won't take an hour to cover everything but just in case.

Sincerely,

Dan

From: bmonroe <bmonroe@atc-pa.com>
Sent: Tuesday, December 7, 2021 4:16 PM
To: Husted, Daniel <dhusted@pa.gov>
Cc: Zaman, Muhammad <mzaman@pa.gov>; Calhoun, Thomas <tcalhoun@pa.gov>
Subject: RE: [External] Hegarty A well Generators Clearfield co PA

Daniel,

Can we possbly do after lunch **Ex. 6 Personal Privacy (PP)** but can do anytime after noon.

Let me know if that works, just pick a time?

Thanks,

Bill Monroe

Environmental Compression Services Inc.

724-272-5734

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Husted, Daniel" <dhusted@pa.gov>

Date: 12/7/21 2:46 PM (GMT-05:00)

To: William Monroe <bmonroe@atc-pa.com>

Cc: "Zaman, Muhammad" <mzaman@pa.gov>, "Calhoun, Thomas" <tcalhoun@pa.gov>

Subject: RE: [External] Hegarty A well Generators Clearfield co PA

Thanks for the email Bill. Are you available to talk to Tom and I tomorrow morning at 11AM? If so I'll send a conference call meeting invite.

Sincerely,

Daniel Husted, P.E. | Environmental Engineer Manager
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From: bmonroe <bmonroe@atc-pa.com>

Sent: Tuesday, December 7, 2021 12:58 PM

To: Husted, Daniel <dhusted@pa.gov>

Cc: Zaman, Muhammad <mzaman@pa.gov>; Calhoun, Thomas <tcalhoun@pa.gov>

Subject: [External] Hegarty A well Generators Clearfield co PA

Importance: High

ATTENTION: This email message is from an external sender. Do not open links or attachments from unknown sources. To report suspicious email, forward the message as an attachment to CWOPA_SPAM@pa.gov.

Daniel,

I have been retained by client who has natural gas driven generators on trailers at their Coleport Clearfield co Pa site. The operator is Flamingo Digital Technologies.

I wanted to introduce myself and to let you know if any information the PADEP AQ requires to get this site into compliance will be going through me.

I have received several emails from EZBlockchain who was the original owner (assuming) but am now told just have the minors on site.

Can you call me to discuss game plan moving forward in regards to either obtaining exemption status via "Mobile source", Category 38a-c or filing an RFD and eventually an operating permit if required.

We need to clear up confusion asap as to if "mobile sources" are considered exempt?

Please reach out as soon as you can, either phone call or email.

Best Regards,

Bill Monroe

Environmental Compression Services Inc.

724-272-5734

Sent from my Verizon, Samsung Galaxy smartphone